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1814

PAGE: 1

**RAW SEQUENCE LISTING
PATENT APPLICATION US/08/799,913**

DATE: 09/17/97
TIME: 10:21:39

INPUT SET: S20406.raw

This Raw Listing contains the General Information Section and up to the first 5 pages.

SEQUENCE LISTING

3 (1) General Information:

5 (i) APPLICANT: KARIN, MICHAEL
6 HIBI, MASAHIKO
7 LIN, ANNING

9 (ii) TITLE OF INVENTION: ONCOPROTEIN PROTEIN KINASE

10
11 (iii) NUMBER OF SEQUENCES: 10

13 (iv) CORRESPONDENCE ADDRESS:

14 (A) ADDRESSEE: FISH & RICHARDSON P.C.
15 (B) STREET: 4225 Executive Square, Suite 1400
16 (C) CITY: La Jolla
17 (D) STATE: California
18 (E) COUNTRY: USA
19 (F) ZIP: 92037

(v) COMPUTER READABLE FORM:

22 (A) MEDIUM TYPE: Floppy disk
23 (B) COMPUTER: IBM PC compatible
24 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
25 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

27 (vi) CURRENT APPLICATION DATA:

28 (A) APPLICATION NUMBER: 08/799,913
29 (B) FILING DATE: 13-FEB-1997
30 (C) CLASSIFICATION: 435

32 (vii) PRIOR APPLICATION DATA:

33 (A) APPLICATION NUMBER: US 08/444,393
34 (B) FILING DATE: 19-MAY-1995

36 (viii) ATTORNEY/AGENT INFORMATION:

37 (A) NAME: Haile, Ph.D., Lisa A.,
38 (B) REGISTRATION NUMBER: 38,347
39 (C) REFERENCE/DOCKET NUMBER: 07257/017002

41 (ix) TELECOMMUNICATION INFORMATION:

42 (A) TELEPHONE: (619) 678-5070
43 (B) TELEFAX: (619) 678-5099

46 (2) INFORMATION FOR SEO ID NO:1:

PAGE 2

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/799,913DATE: 09/17/97
TIME: 10:21:42

INPUT SET: S20406.raw

48 (i) SEQUENCE CHARACTERISTICS:
49 (A) LENGTH: 47 amino acids
50 (B) TYPE: amino acid
51 (C) STRANDEDNESS: single
52 (D) TOPOLOGY: linear
53
54 (ii) MOLECULE TYPE: peptide
55
56
57 (vii) IMMEDIATE SOURCE:
58 (B) CLONE: c-Jun/JNK binding site
59
60 (ix) FEATURE:
61 (A) NAME/KEY: Peptide
62 (B) LOCATION: 1..47
63
64
65 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
66

67 Ile Leu Lys Gln Ser Met Thr Leu Asn Leu Ala Asp Pro Val Gly Ser
68 1 5 10 15
69
70 Leu Lys Pro His Leu Arg Ala Lys Asn Ser Asp Leu Leu Thr Ser Pro
71 20 25 30
72
73 Asp Val Gly Leu Leu Lys Leu Ala Ser Pro Glu Leu Glu Arg Leu
74 35 40 45
75

76 (2) INFORMATION FOR SEQ ID NO:2:

77
78 (i) SEQUENCE CHARACTERISTICS:
79 (A) LENGTH: 35 base pairs
80 (B) TYPE: nucleic acid
81 (C) STRANDEDNESS: single
82 (D) TOPOLOGY: linear
83

84 (ii) MOLECULE TYPE: DNA (genomic)
85
86

87 (vii) IMMEDIATE SOURCE:
88 (B) CLONE: N-terminal primer
89

90 (ix) FEATURE:
91 (A) NAME/KEY: CDS
92 (B) LOCATION: 1..35
93

94
95 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2: 48

96
97 TCTGCAGGAT CCCCATGACT GCAAAGATGG AAACG

35

98
99 (2) INFORMATION FOR SEQ ID NO:3:

**RAW SEQUENCE LISTING
PATENT APPLICATION US/08/799,913**

DATE: 09/17/97
TIME: 10:21:46

INPUT SET: S20406.raw

100
101 (i) SEQUENCE CHARACTERISTICS:
102 (A) LENGTH: 34 base pairs
103 (B) TYPE: nucleic acid
104 (C) STRANDEDNESS: single
105 (D) TOPOLOGY: linear
106
107 (ii) MOLECULE TYPE: DNA (genomic)
108
109
110 (vii) IMMEDIATE SOURCE:
111 (B) CLONE: N-terminal primer
112
113 (ix) FEATURE:
114 (A) NAME/KEY: CDS
115 (B) LOCATION: 1..34
116
117
118 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
119

120 TCTGCAGGAT CCCCGACGAT GCCCTCAACG CCTC
121
122 (2) INFORMATION FOR SEQ ID NO:4:
123
124 (i) SEQUENCE CHARACTERISTICS:
125 (A) LENGTH: 35 base pairs
126 (B) TYPE: nucleic acid
127 (C) STRANDEDNESS: single
128 (D) TOPOLOGY: linear
129
130 (ii) MOLECULE TYPE: DNA (genomic)

132
133 (vii) IMMEDIATE SOURCE:
134 (B) CLONE: N-terminal primer
135
136 (ix) FEATURE:
137 (A) NAME/KEY: CDS
138 (B) LOCATION: 1..35
139
140

141 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
142

142
143 TCTGCAGGAT CCCCCGAGAGC GGACCTTATG GCTAC
144
145 (2) INFORMATION FOR SEQ ID NO:5:
146 •
147 (i) SEQUENCE CHARACTERISTICS:
148 • (A) LENGTH: 35 base pairs
149 (B) TYPE: nucleic acid
150 • (C) STRANDEDNESS: single
151 (D) TOPOLOGY: linear
152

PAGE: 4

**RAW SEQUENCE LISTING
PATENT APPLICATION: US/08/799,913**DATE: 09/17/97
TIME: 10:21:50**INPUT SET: S20406.raw**

153 (ii) MOLECULE TYPE: DNA (genomic)

154

155

156 (vii) IMMEDIATE SOURCE:

157 (B) CLONE: N-terminal primer

158

159

(ix) FEATURE:

160 (A) NAME/KEY: CDS

161 (B) LOCATION: 1..35

162

163

164

165 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

166

167 TCTGCAGGAT CCCCGCCGAC CCAGTGGGA GCCTG

35

168

169 (2) INFORMATION FOR SEQ ID NO:6:

170

171

(i) SEQUENCE CHARACTERISTICS:

172 (A) LENGTH: 35 base pairs

173 (B) TYPE: nucleic acid

174 (C) STRANDEDNESS: single

175 (D) TOPOLOGY: linear

176

177

(ii) MOLECULE TYPE: DNA (genomic)

178

179

180

(vii) IMMEDIATE SOURCE:

181 (B) CLONE: N-terminal primer

182

183

(ix) FEATURE:

184 (A) NAME/KEY: CDS

185 (B) LOCATION: 1..35

186

187

188 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

189

190

TCTGCAGGAT CCCCAAGAAC TCGGACCTCC TCACC

35

191

192

(2) INFORMATION FOR SEQ ID NO:7:

193

194

(i) SEQUENCE CHARACTERISTICS:

195 (A) LENGTH: 30 base pairs

196 (B) TYPE: nucleic acid

197 (C) STRANDEDNESS: single

198 (D) TOPOLOGY: linear

199

200

(ii) MOLECULE TYPE: DNA (genomic)

201

202

203

(vii) IMMEDIATE SOURCE:

204 (B) CLONE: C-terminal primer

205

PAGE 5

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/799,913DATE: 09/17/97
TIME: 10:21:53

INPUT SET: S20406.raw

206 (ix) FEATURE:
207 (A) NAME/KEY: CDS
208 (B) LOCATION: 1..30
209
210
211 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
212
213 TGAATTCTGC AGGCGCTCCA GCTCGGGCGA 30
214
215
216
217
218
219 (2) INFORMATION FOR SEQ ID NO:8:
220
221 (i) SEQUENCE CHARACTERISTICS:
222 (A) LENGTH: 33 base pairs
223 (B) TYPE: nucleic acid
224 (C) STRANDEDNESS: single
225 (D) TOPOLOGY: linear
226
227 (ii) MOLECULE TYPE: DNA (genomic)
228
229
230 (vii) IMMEDIATE SOURCE:
231 (B) CLONE: C-terminal primer
232
233 (ix) FEATURE:
234 (A) NAME/KEY: CDS
235 (B) LOCATION: 1..33
236
237
238 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
239
240 TGAATTCCTG CAGGTCGGCG TGGTGGTGAT GTG 33
241
242 (2) INFORMATION FOR SEQ ID NO:9:
243
244 (i) SEQUENCE CHARACTERISTICS:
245 (A) LENGTH: 2099 base pairs
246 (B) TYPE: nucleic acid
247 (C) STRANDEDNESS: single
248 (D) TOPOLOGY: linear
249
250 (ii) MOLECULE TYPE: DNA (genomic)
251
252
253 (vii) IMMEDIATE SOURCE:
254 (B) CLONE: Jun 48
255
256 (ix) FEATURE:
257 (A) NAME/KEY: CDS
258 (B) LOCATION: 414..1406

PAGE: 1

**SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/08/799,913**

DATE: 09/17/97
TIME: 10:21:56

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